

Patent Abstracts of Japan

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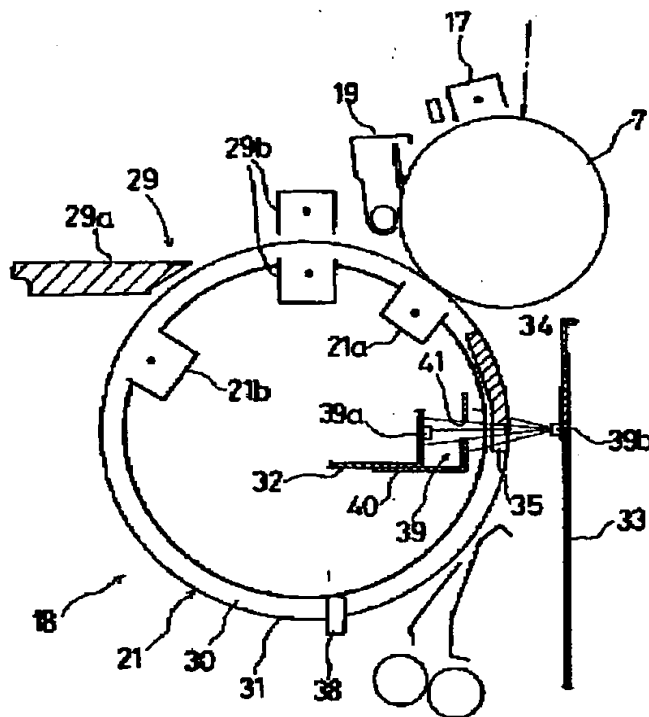
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APPLICANT : MITA IND CO LTD;

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TITLE : DEVICE FOR DETECTING MATERIAL
TO BE TRANSFERRED FOR IMAGE
FORMING DEVICE



ABSTRACT : PURPOSE: To facilitate adjusting work without causing erroneous detection by providing a light shielding plate between a light emitting part and a light receiving part.

CONSTITUTION: This device is used for a copying machine main body provided with a transfer drum 21 which transfers a toner image on paper sheet from a photosensitive drum 7 by grasping the paper on an outer periphery, and it has a grasping sensor 39 and a light shielding member 40. The sensor 39 has a light emitting device 39b and a light receiving device 39a, one of which is arranged inside the drum 21 and the other of which is arranged outside the drum 21, and detects whether the paper sheet is grasped or not. The member 40 is arranged near the light receiving device 39a on the optical axis of the sensor 39, and has a smaller slit 41 than a luminous flux from the light receiving device 39b.

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